

Determination of the Lamb-Mössbauer factor by the delayed coincidence technique

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Abstract

A method for determining the Lamb-Mössbauer factor by means of the delayed coincidence technique is proposed. The effective thickness of a series of $\text{K}_4\text{Fe}(\text{CN})_6 \cdot 3\text{H}_2\text{O}$ samples was measured and recoilless fraction $f = 0.339 \pm 0.004$ was determined © Allerton Press, Inc., 2010.

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